

FACSIMILE

CONFIDENTIAL PHRASES

TO:	Phone Number:	Fax Number:
Examiner Pathak	571 272-5509	571 273-5509
Art Unit 2611		

FROM:		<i>FOR COOLEY USE ONLY</i>
C. Scott Talbot		REQUESTOR NUMBER:
Sender's Direct Line:	(703) 456-8072	10330
Reply Fax Number:	(703) 456-8100	CLIENT MATTER:
Total Pages Including Cover:	3	306518-2016

DELIVERY:	Originals Will Not Follow
DATE:	February 23, 2009
RE:	S/N 10/522,566 (Docket No. ALLE--012/00US)

COMMENTS:

Examiner Pathak

Further to our discussion this morning, I enclose proposed amendments to claims 1-10 for consideration by you and your supervisor.

I do not have authorization to keep in the "fractal" limitation in claim 1, and am seeking guidance from my client. (Please bear in mind that my client is in Australia, so best case I would have an answer tomorrow.) I thought it would still be productive to send the proposed amendments to you so that we can identify any other aspects of the amendments that may be an issue.

I appreciate your flexibility and patience in working through this issue.

Scott Talbot
703 456-8072

If you do not receive all of the pages or find that they are illegible, please call Scott Talbot at 703 456-8072.

Attorney Docket No. ALLE-012/00US 306518-2016
Serial Number 10/522,566
Page 2

Attorney Docket No. ALLE-012/00US 306518-2016

Listing of Claims

1. (Currently amended) A method of placing pilot symbols in a data stream for telecommunications systems, the data stream including a data packet, comprising:
distributing the pilot symbols in time in a manner fractal in nature using a range of
different intervals between symbol
placing the pilot symbols with irregular spacing within a first level group;
repeating the irregular spacing in a plurality of such first level groups; and
placing the first level groups with irregular spacing within a second level group.
- 2-5. (Cancelled)
6. (Currently amended) The method of claim 1, wherein the distributing further includes:
repeating the irregular spacing between the ~~L0~~ first level groups in a plurality of ~~L1~~
second level groups across the data packet; and
placing the ~~L1~~ second level groups with irregular spacing within a third level group (~~L2~~
level).
7. (Currently amended) The method of claim 6, wherein each ~~L0~~ first level group has length A,
each ~~L1~~ second level group has length B, and the ~~L2~~ third level group has length C, the pilot
symbol distribution selected such that the ratio A:B is approximately equal to the ratio B:C.
8. (Previously presented) The method of claim 1, wherein ~~the distributing includes distributing~~
~~the pilot symbols in time using a range of different intervals such that~~ the pilot symbols extend
across substantially the entirety of the data packet.
9. (Cancelled)

Attorney Docket No. ALLE-012/00US 306518-2016

Serial Number 10/522,566

Page 3

10. (Currently amended) A signal processing device for use in a communications system, the signal processing device comprising:

a data source configured to generate a data stream for telecommunications systems; and
a pilot symbol placer configured to place pilot symbols in the data stream in accordance with the method of claim 1, ~~such that the pilot symbols are spaced in time in a manner fractal in nature using a range of different intervals between symbols.~~

394843 v1/RE